GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3958
ANSWERED ON:20.04.2005
HIGH RISK MULTI-HAZARD ZONES
Oram Shri Jual

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Ministry in collaboration with UNDP has made a study and identified certain high risk multi-hazard zones and quake prone cities in the country; and

(b) if so, the State-wise details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTER OF STATE (INDEPENDENT CHARGE) OF THE DEPARTMENT OF OCEAN DEVELOPMENT (SHRI KAPIL SIBAL)

(a): Yes, Sir.

(b): The Ministry of Home Affairs, in collaboration with UNDP has undertaken a Disaster Risk Management Programme in 17 States (169 districts), which are prone to multi-hazard (Annexure-I), and Urban Earthquake Vulnerability Reduction Programme, covering 38 cities in seismic Zones III, IV and V and having a population of more than half a million (Annexure-II).

The focus of this programme is mainly on awareness and education, training and capacity development for mitigation and better preparedness in terms of disaster risk management and recovery at community, district and state levels.

ANNEXURE -I

NATURAL DISASTER RISK MANAGEMENT PROGRAMME

LIST OF MOST HAZARD PRONE DISTRICTS IN PROGRAMME STATES

S.No.	State	No. of Districts
1.	Assam	12
2.	Bihar	14
3.	Delhi	9
4.	Gujarat	14
5.	Maharashtra	14
6.	Meghalaya	7
7	Orissa	14
8.	Sikkim	4
9.	Tamil Nadu	6
10.	Uttar Pradesh	13
11.	Uttaranchal	8
12.	West Bengal	11
13.	Tripura	3
14.	Manipur	9
15.	Mizoram	8
16.	Arunachal Pradesh	15
17.	Nagaland	8

Total 169

ANNEXURE-II

LIST OF 38 CITIES WITH OVER HALF A MILLION POPULATION IN SEISMIC ZONES III, IV AND V

S. No.	Name of City	State	Zone
1	Dehradun	Uttaranchal	IV
2	Delhi	Delhi	IV
3	Jamnagar	Gujarat	IV
4	Rajkot	Gujarat	III
5	Bhavnagar	Gujarat	III
6	Surat	Gujarat	III
7	Greater Mumbai	Maharashtra	III
8	Bhiwandi	Maharashtra	III
9	Nashik	Maharashtra	III
10	Pune	Maharashtra	III
11	Bhubaneswar	Orissa	III
12	Cuttack	Orissa	III
13	Chennai	Tamil Nadu	III
14	Patna	Bihar	IV
15	Asansol	West Bengal	III
16	Guwahati	Assam	V
17	Vadodara	Gujarat	III
18	Ahmedabad	Gujarat	III
19	Coimbatore	Tamil Nadu	III
20	Agra	Uttar Pradesh	III
21	Varanasi	Uttar Pradesh	III
22	Breilly	Uttar Pradesh	III
23	Meerut	Uttar Pradesh	IV
24	Lucknow	Uttar Pradesh	III
25	Kanpur	Uttar Pradesh	III
26	Kolkata	West Bengal	III
27	Srinagar	Jammu & Kashmir	V
28	Jammu	Jammu & Kashmir	IV
29	Indore	Madhya Pardesh	III
30	Jabalpur	Madhya Pardesh	III
31	Amritsar	Punjab	IV
32	Jalandhar	Punjab	IV
33	Vijayawada	Andhra Pradesh	III
34	Dhanbad	Jharkhand	III
35	Mangalroe	Karnataka	III
36	Kochi	Kerala	III
37	Kozhikode	Kerala	III
38	Trivandrum	Kerala	III

As per the Vulnerability Atlas prepared by Building Materials Promotion and Technology Council (BMTPC), Government of India, UNDP and MHA, IS 1893 (Part 1) : 2002 Map of Seismic Zones of India and other factors.